

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: WILLIAM W. MOSES, et al.
Serial No.: 10/809,931
Filed: MARCH 25, 2004
For: MULTI-CHANNEL DETECTOR READOUT METHOD AND INTEGRATED CIRCUIT
Group: 2878
Examiner:
Docket No.: IB-1472A

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22213-1450

INFORMATION DISCLOSURE STATEMENT

List of Sections Forming Part of This Information Disclosure Statement

The following sections are being submitted for this Information Disclosure Statement:

1. X Preliminary Statements
2. X FORM PTO/SB/08A-PTO/SB/8B
3. Statement As To Information Material To Examination Not Found In Patents Or Publications
4. X Identification Of Prior Application In Which Listed Information Was Already Cited And For Which No Copies Are Submitted Or Need Be Submitted
5. Cumulative Patents or Publications
6. X Copies of Publications and Foreign Patents Accompanying This Statement
7. Concise Explanation of Non-English Language Listed Information Items
8. Translation(s) of Non-English Language Documents
9. X Signature of Attorney

Section 1. Preliminary Statements

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.56(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Section 2. Form PTO/SB/08A-PTO/SB/08B (substitute for Form 1449)

FORM PTO/SB/08A-PTO/SB/08B IS BEING SUBMITTED HEREWITH IN 2 PAGE(S).

Section 3. Statement As To Information Material To Examination Not Found In Patents Or Publications (Information not listed in PTO SB/08A-PTO SB/08B)

Section 4. Identification of Prior Application in Which Listed Information Was Already Cited and For Which No Copies Are Submitted Or Need Be Submitted

Note: "A copy of any patent, publication or other information listed in an information disclosure statement is not required to be provided if it was previously cited by or submitted to the office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120." 37 CFR 1.98(d).

WARNING: While a copy of a non-English language item of information need not be submitted if its was previously submitted to or cited by the Office in a prior application, provided it is properly identified in this statement and this application relies on that earlier filing date under 35 U.S.C. 120, nevertheless, the requirement in § 1.98(a)(3) for a concise explanation of non-English language information **would not** be satisfied by a statement that a reference was cited in the prosecution of a parent application. The concise explanation must explain the relevance as presently understood by the person designated in § 1.56(c) most knowledgeable about the content of the information. Notice of January 9, 1992, 1135 O.G. 13-25, at 20.

THIS APPLICATION RELIES, UNDER 35 U.S.C. § 120, ON THE EARLIER FILING DATE OF PRIOR APPLICATION 09/966,811 FILED ON September 27, 2001. THE REFERENCES SHOWN IN THE FORM PTO/SB/08A-PTO/SB/08B WERE SUBMITTED TO AND/OR CITED BY THE OFFICE IN THIS PRIOR APPLICATION AND, THEREFORE, ARE NOT REQUIRED TO BE PROVIDED IN THIS APPLICATION.

Section 5. Cumulative Patents or Publications

NOTE: "When the disclosure of two or more patents or publications listed in an information disclosure statement are substantially cumulative, a copy of one of the patents or publications may be submitted without copies of the other patents or publications provided that a statement is made that these other patents or publications are cumulative." 37 CFR 1.98(c).

STATEMENT

_____ is cumulative of the following patents or publications listed on Form PTO
SB/08A:

In accordance with 37 CFR 1.98(c) a copy of only _____ is being submitted with this
information disclosure statement.

Section 6. Copies of Listed Information Items Accompanying This Statement

Legible copies of **all** items listed accompany this information disclosure statement are enclosed, except for U.S. patents and published applications, and except as indicated below:

X **Exception(s) to above**

X **US Patents and US Patent Publications are not submitted.**

___ Cumulative patents or publications identified in Section 5.

It is respectfully stipulated, however, that none of these references teach or render obvious, singly or when considered in combination, applicant's claimed invention. This citation does not constitute an admission that the references are relevant or material to the claims nor that a search has been made; the references are cited only as constituting the closest art of which the applicant is aware.

Section 7. Concise Explanation of Non-English Language Listed Information Items

- NOTE: "A concise explanation of the relevance, as it is presently understood by the individual designated in § 1.56(c) most knowledgeable about the information of each patent, publication, or other information listed that is not in the English language **shall** be included in any information disclosure statement filed under § 1.97. "The concise explanation may be either separate from the specification or incorporated therein." 37 CFR 1.98(a)(3).
- NOTE: "[T]he explanation required is limited to the relevance as understood by the individual designated in § 1.56(c) most knowledgeable about the content of the information at the time the information is submitted to the Office." Notice of January 9, 1992, 1136 O.G. 13-25, at 14.
- NOTE: "Where the information listed is not in the English language, but was cited in a search report by a foreign patent office, the requirement for a concise explanation of relevance is satisfied by submitting an English language version of the search report." Notice of January 9, 1992, 1136 O.G. 13-25, at 14.
- NOTE: "The concise explanation requirement for non-English language information may be met by submission of an English language version of the search report indicating the degree of relevance found by the foreign office." Notice of January 9, 1992, 1136 O.G. 13-25, at 20.
- WARNING: "The requirement in §1.98(a)(3) for a concise explanation of non-English information **would not** be satisfied by a statement that a reference was cited in the prosecution of a parent application." Notice of January 9, 1992, 1136 O.G. 13-25, at 20 (emphasis added).

Section 8. Translation(s) of Non-English Language Documents

NOTE: "If a written English language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in § 1.56(c), a copy of the translation shall accompany the statement." 37 CFR 1.98(c).

NOTE: "The Office does not intend to require translations unless they have been reduced to writing and are actually translations of what is contained in non-English language information. Applicants should note, however, that most examiners do not have the ability to understand information which is not English and the that Office will not routinely translate information submitted in a non-English language. The examiner will consider the information insofar as it is understood on its face, e.g., drawings, chemical formulas, English-language abstracts, but will not have the information translated unless it appears to be necessary to do so. Applicants are required to aid the examiner by complying with the requirements of a concise explanation in § 1.98(a)(3) for information submitted in a non-English language." Notice of January 9, 1992, 1135 O.G. 13-25, at 21.

_____ No English language translations of the foreign language patents, publications or information or parts thereof are readily available, except for those listed above.

_____ The following foreign language documents submitted are believed to be the equivalent or substantial equivalent of the English language documents identified below, which are also submitted herewith.

_____ Submitted herewith is an English language translation of the following foreign patents, publications or information or of those portions of those patents, publications or information considered to be material:

Section 9. Signature of Attorney

Dated:

8/6/04



SIGNATURE OF ATTORNEY

John P. O'Banion, Reg. No. 33,201
O'BANION & RITCHEY LLP
400 Capitol Mall, Suite 1550
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CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that the foregoing:

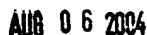
Information Disclosure Statement

is being deposited with the United States Postal Service on August 6, 2004 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV352301874US addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

JOHN P. O'BANION

(Type or print name of person mailing paper)

(Signature of person mailing paper)



Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

(Use as many sheets as necessary)

Complete if Known

Application Number	10/809.931
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Filing Date	MARCH 25, 2004
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First Named Inventor	MOSES, W.W.
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Art Unit	2878
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Examiner Name _____

Attorney Docket Number	IB-1472A
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Sheet	1	of	2
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[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ ~Number ⁴ ~Kind Code ⁵ (if known)				
		WO89/01129	02/09/1989	Oomen, G.L.,		
		EP 0 349 027	01/03/1990	Interuniversit.		

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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Substitute for form 1449/PTO

Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Application Number	10/809,931
Filing Date	MARCH 25, 2004
First Named Inventor	MOSES, W.W.
Art Unit	2878
Examiner Name	
Attorney Docket Number	IB-1472A

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Moses, W. W., et al.; A 16-Channel Charge Sensitive Amplifier IC for a PIN Photoarray Based Pet ..., IEEE Trans. on Nuc. Sci., Aug. 1994, V. 41, Issue 4, pp. 1469-1472.	
		Moses, W.W., et al.; A "Winner-Take-All" IC for Determining the Crystal of Interaction in Pet ..., IEEE Trans. on Nuc. Sci., June 1, V. 43, Issue 3, Part 2, pp. 1615-1618.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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